

Claims

- [c1] 1.Scaffolding for providing an elevated work surface, the scaffolding comprising:
a platform presenting a top face, which defines the work surface, and a bottom face,
said platform having a pin hole extending therethrough from the top face to the bottom face;
an end-frame unit including a pair of spaced apart upright legs and at least one cross-bar extending between and interconnecting the legs;
a support member coupled to the end-frame unit, wherein the support member includes a substantially level beam configured to support the platform on the end-frame unit; and
an upright platform pin fixed to and projecting upwardly from the beam,
said upright pin being received within the pin hole to restrict horizontal movement of the platform relative to the support member.
- [c2] 2.The scaffolding as recited in claim 1,
said beam presenting an uppermost support surface on which the platform rests,

said upright pin projecting from the support surface.

[c3] 3.The scaffolding as claimed in claim 2,
said upright pin presenting an upper distal end spaced
from the support surface of the beam,
said distal end being adjacent to the top face of the plat-
form.

[c4] 4.The scaffolding as claimed in claim 1,
said upright pin being devoid of fastening structure,
such that the platform is freely shiftable into and out of
the pin hole.

[c5] 5.The scaffolding as claimed in claim 1,
said upright pin and pin hole being substantially coex-
tensive.

[c6] 6.The scaffolding as claimed in claim 1; and
a platform clip configured to selectively restrict upward
movement of the platform relative to beam when the up-
right pin is received in the pin hole.

[c7] 7.The scaffolding as claimed in claim 6,
said platform clip being spring biased into a platform-
retaining position, in which the clip is at least partially
over the top face to restrict upward movement of the
platform relative to the beam.

- [c8] 8.The scaffolding as claimed in claim 6,
said clip including a horizontal section that is position-
able over the top face of the platform to restrict upward
movement of the platform relative to the beam,
said clip including a coupling section shiftably coupled
to the beam to permit lateral shifting of the horizontal
section relative to the platform.
- [c9] 9.The scaffolding as claimed in claim 8; and
a clip pin fixed to and projecting from the beam,
said coupling section of the clip being shiftable along
and rotatable about the clip pin so that the horizontal
section is moveable over and away from the platform.
- [c10] 10.The scaffolding as claimed in claim 9,
said clip being spring biased into a platform-retaining
position, in which the horizontal section is disposed over
the platform to restrict upward thereof.
- [c11] 11.The scaffolding as claimed in claim 6,
said platform being freely shiftable upwardly off of the
upright pin when the clip is not restricting such upward
movement.
- [c12] 12.The scaffolding as claimed in claim 1,
said platform being provided with at least one additional
pin hole spaced from the first-mentioned pin hole; and

at least one additional upright pin spaced from the first-mentioned upright pin,
said at least one additional upright pin being received with said at least one additional pin hole.

[c13] 13.A method of securely retaining a platform to a level beam of scaffolding to provide an elevated work surface, said method comprising the steps of:
(a) aligning a pin hole defined through the platform between opposite top and bottom faces with an upright pin fixed to and projecting upwardly from the beam; and
(b) lowering the platform into resting engagement on the beam so that the upright pin is received in the pin hole to restrict horizontal movement of the platform relative to the beam.

[c14] 14.The method as claimed in claim 13; and
(c) after steps (a) and (b), restricting upward movement of the platform relative to the beam so that the upright pin remains within the pin hole.

[c15] 15.The method as claimed in claim 14,
step (c) including the step of shifting a platform clip into a platform-retaining position, in which the clip is at least partially over the top face of the platform to restrict upward movement of the platform relative to the beam.